

METHOD FOR ACOUSTIC TRASNSDUCER CALIBRATION

ABSTRACT OF THE DISCLOSURE

5 A method of acoustic transducer calibration (200, 400)
using a band limited pseudo random noise source with an
internal digital signal processor (209, 403) to tailor audio
characteristics of an internal microphone 103 and internal
speaker (301) within a communications device (101) to insure
10 consistent amplitude and frequency characteristics of these
microphone and speaker transducer devices. The method
offers and advantage such that tuning of the amplitude and
frequency response consistently converges to the desired
filter response with a filter type offering operational
15 stability.

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